

From owner-qrp-l@netcom.com Fri Mar 24 09:05:43 1995
From: PDouglas12@aol.com
Date: Fri, 24 Mar 1995 07:07:54 -0500
Message-Id: <950324070751_59665581@aol.com>
Subject: 15m QRP rigs

You guys looking for 15meter rigs. How good are you at building? Radiokit makes its QRPxx series on 15, but their kits are the hardest in the world. See my Round Robin Review for details on the QRPxx, and if you missed it, email me for a direct resend.

From owner-qrp-l@netcom.com Fri Mar 24 15:37:27 1995
From: Byron8LCZ@aol.com
Date: Fri, 24 Mar 1995 09:35:19 -0500
Message-Id: <950324093238_59741098@aol.com>
Subject: 1750 meters anyone ?

Someone was looking for info on the LowFer, a low freq transceiver for the 1750 meter band. Theres a construction article in QST April 94 Page 26 thru 31 that describes just such a transceiver and antenna. With additional info in QST Oct 93 page 67 and a LowFer newsletter called the LowDown from LWCA, 45 Wildflower Rd, Levittown Pa 19057.

72, Byron WA8LCZ

From owner-qrp-l@netcom.com Fri Mar 24 09:15:19 1995
Message-Id: <9503221956.AA22206@garnet.inel.gov>
Date: Wed, 22 Mar 1995 12:57:14 -0700
From: LVE1@inel.gov (Larry East)
Subject: RE: 2SC799

Enough!! Thanks to all who responded, I now have the info I needed. It appears that this device is similar to a Motorola MRF237 which I have data for. In case anyone is interested, Tjaras (sp?) Kits is selling 2SC799's for 2/\$4 complete with press-on heat sinks (well, he calls 'em heat sinks, but they are really mounting flanges). Don't have their new address with me at the moment.

72, Larry W1HUE/7

From owner-qrp-l@netcom.com Fri Mar 24 08:53:17 1995
Date: Thu, 23 Mar 95 17:44:59 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9503240144.AA18942@deneb.csustan.edu>
Subject: 4 sets left

There are 4 sets of the ARCI reprints of the back issues left. The following have ordered sets>

1. Stephen Martin
2. Gabe Sellers
3. Dave Feldman
4. Ying Hum
5. Bill Barnes
6. Charlie Lofgren

72, Doug, KI6DS

From owner-qrp-l@netcom.com Fri Mar 24 07:53:29 1995
Date: Thu, 23 Mar 1995 18:01:37 GMT
From: Goran Hosinsky <goran@royac.iac.es>
Message-Id: <9503231801.AA05297@royac4.royac.iac.es>
Subject: April 1 fm Wrightsville Bch, NC

Try a fishingpole (telescopic) as center suport for a inverted vee.

No problem in the sand, if not three strings and tent pegs will hold it just put a stone on the string. Used that a lot last summer.

73

Goran EA8YU

From owner-qrp-l@netcom.com Fri Mar 24 16:14:02 1995
From: david.gauding@slug.org (David Gauding)
Subject: Argo Accessories
Date: Thu, 23 Mar 1995 20:52:48 GMT
Message-Id: <9503231800071547@slug.org>

I'm long on Ten-Tec AC-5 tuners (2) and looking for a 206A xtal calibrator and 208 audio filter for my Argo 509.

If interested in trading, please e-mail < david.gauding@ slug.org >

Thanks de NF0R

From owner-qrp-l@netcom.com Fri Mar 24 08:41:28 1995
From: BRUCE3900@delphi.com
Date: Thu, 23 Mar 1995 23:35:30 -0500 (EST)
Subject: Argonaut Accessory Plug
Message-Id: <01HOHROPDMF698AS1J@delphi.com>

Please, no more recommendations about TenTec. Thanks, from the bottom of my Argonaut's heart. I called Ten-Tec this morning and a new accessory plug plus a few other bits are "in the mail". As a long-time professional

product support person (defense/aerospace) I can't believe how nice they were and how hassle-free the transaction was. Guess there's something to be said for Southern Hospitality.

Thanks again

73,

Bruce -- W6TOY/3

From owner-qrp-l@netcom.com Fri Mar 24 18:00:26 1995
From: "S. Miller" <smiller@motown.ge.com>
Date: Fri, 24 Mar 1995 13:31:49 -0500
Message-Id: <199503241831.NAA04748@bear.MOTOWN.GE.COM>
Subject: Ark-4 for sale: mail bounces!

To the fellow with the ARK-4 please e-mail to smiller@motown.ge.com or call at 609-722-6078 and talk to me or wait for the message system. Thanks, your e-mail bounces and I think you tried to mail me but it failed.
Steve, KD2ED

From owner-qrp-l@netcom.com Fri Mar 24 07:43:15 1995
From: "S. Miller" <smiller@motown.ge.com>
Date: Thu, 23 Mar 1995 17:07:27 -0500
Message-Id: <199503232207.RAA02966@bear.MOTOWN.GE.COM>
Subject: re: ark4 for sale

Bob,
mail to you just bounced. I am interested in the ark4 if the price is right. Also give me an e-mail address that I can hit. BTW is this the full size version or the half size version? Is the n40a better? Just curious. Thanks
Steve KD2ED, smiller@motown.ge.com

From owner-qrp-l@netcom.com Fri Mar 24 22:43:51 1995
Date: Fri, 24 Mar 1995 19:47:57 -0500
From: "John F. Woods" <jfw@jfwhome.funhouse.com>
Message-Id: <199503250047.TAA15450@jfwhome.funhouse.com>
Subject: CHU receiver?

Perhaps someone in this august assemblage knows about this: a long time ago, someone posted to USENET a design for a CHU timecode receiver, including a modem chip to interface it to a computer. Does anyone here have such a design?

Thanks,
John, WB7EEL

From owner-qrp-1@netcom.com Fri Mar 24 17:48:21 1995
Message-Id: <24MAR95.17478870.0019.MUSIC@MARISTB.MARIST.EDU>
Date: Fri, 24 Mar 95 16:11:02 EST
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>
Subject: Dan's small parts ?????

Does anyone know what happened. The phone company is saying that the number has been disconnected.
Fr Bowes

From owner-qrp-1@netcom.com Fri Mar 24 23:18:32 1995
From: PDouglas12@aol.com
Date: Fri, 24 Mar 1995 21:57:37 -0500
Message-Id: <950324215736_60428387@aol.com>
Subject: Dayton Badge list (long)

Here's the list of nearly 80 of us going to Dayton who have requested id badges. There are so many of us now, I think I can stop apologizing for posting these. But for those who aren't going, I am sorry, and you will be missed, I'm sure. For the lucky ones who will be there, please check your entry for accuracy. I will post the next four Fridays and will print and put the badges in the plastic pins four weeks from tonight. Please email updates, requests, and corrections direct to me at pdouglas12@aol.com

I have had unanimous agreement that only internet actives should be asking for badges, so please do not send me requests on behalf of your non-list friends who happen also to be going to Dayton.

Hey, Russ Johnson, latest entries are alphabetized next time after adding, so don't panic, you're on the bottom here!

ANTHONY LUSCRE KA8NRC
BILL KELSEY N8ET
BOB FINCH N6CXB
BOB GOBRICK V01DRB/WA6ERB
BOB MARLAN KA6NOC/8
BOB NYGREN WA3YON
BOB STAFFORD N9USD
BRUCE FLORIP AA7AR/6
BRUCE LIFTER AD4TG
BRUCE MUSCOLINO W6TOY/3
BUCK SWITZER N8CQA
BYRON JOHNSON WA8LCZ
CHUCK ADAMS K5FO
CLARK FISHMAN WA2UNN
DAVID FELDMAN WB0GAZ
DAVID MEACHAM W6EMD
DEE ANN RAY N9XLV
DENNIS BLANCHARD K1YPP
DICK PASCOE G0BPS

DICK SZAKONYI KA3ZOW
DOUG HENDRICKS KI6DS
DUFFY BEISCHEL WB8NUT
EMIL SWITZER W1GGM/4
ERIC SWARTZ WA6HHQ
F. "MITCH" MITCHELL WA4OSR
GARY DIANA N2JGU
GEORGE SILVER N9SXB
HANK KOHL K8DD
HOWIE CAHN WB2CPU
JANE BLANCHARD KA1FUN
JASON PENN N9RPT
JERRY SY AA3KN
JIM CATES WA6GER
JIM FITTON W1FMR
JIM JOHNS KA0IQT
JIM KORTGE NU8N
JIM STAFFORD W4QO
JOE EVERHART N2CX
JOHN ROUSE KA3DBN
KATY SZAKONI N3SAD
KEITH HAMILTON N08Z
KEN EVANS KJ4XR
KIRK STAATS AA4YZ
LARRY MAKOSKI N2ELW
LINDA LUSCRE KA80DP
LOWELL CORBIN KD8FR
MARTY RAY NN9H
MICHAEL MARMOR AA2UJ
MICHAEL RIOUX NW1J
MIKE CZUHAJEWSKI WA8MCQ
MIKE FLANNAGAN KB8NKX
MONTE "RON" STARK KU7Y
NILS YOUNG WB8IJN
PAUL VALKO WB8ZJL
PAULETTE QUICK N9OUH
PETE MEIER WK8S
PETER BEEDLOW NN9K
PRESTON DOUGLAS WJ2V
PRESTON DOUGLAS WJ2V
RANDY PHELPS KD8JN
REV. GEORGE DOBBS G3RJV
RICH RICHMOND N4AFX
ROBIN CORBIN NI9R
RON DOYLE N8VAR
RON MAJEWSKI WB8RUQ
STEVE COHEN N3OIE
STEVE HIDEG N8HSC

TED ALBERT KF8EE
TIM COOK NZ8J
TOM FRISZ N9DD
TOM LIFLAND W2RFU
TOM STAFFORD N9YBC
VINCE PASSIONE WA2ECP
WAYNE BURDICK N6KR
RUSS JOHNSON N9RJ

72 es 73 Preston WJ2V

From owner-qrp-1@netcom.com Fri Mar 24 08:10:28 1995
Date: Thu, 23 Mar 1995 18:35:58 -0700 (MST)
From: Richard Kendrick Jr <rrk@indirect.com>
Subject: email address change
Message-Id: <Pine.3.89.9503231805.A14180-0100000@bud.indirect.com>

Due to an unforeseen bailout by my previous Internet provider (he quit the business with no notice and left 1000 users hanging) my email address has changed. The old address was rrk@ramp.com. Please use the new address of rrk@indirect.com.

72/3, Richard Kendrick WA7TWI

From owner-qrp-1@netcom.com Fri Mar 24 10:47:19 1995
Date: Tue, 21 Mar 95 23:07:05 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9503220707.AA27068@deneb.csustan.edu>
Subject: Epiphyte News

The BC QRP SSB net was exciting tonight. Derry VE7QK, Vern W6MMA and I were all on for 20+ minutes using Epiphytes. Bruce, VE7ZM, Joe, VE7TX, Bob, VE7XDY, Grant, VE7PTW and Dick, AB6EY were there also, but they were using QRO rigs. Signals were S9 all the way around and we had a grand time.

Derry is constantly working to improve the Epiphyte, and is talking about doing an Epiphyte II. This one would have the Amplifier and VFO on the same board as the Exciter. He is working with a new PC board layout program and don't be surprised to see it come down the pike.

There are 4 new Epiphytes on the air in Fort St. John, B.C. and Dr. Rick has his working according to his posting tonight. I have heard from a couple of guys in Europe who have the rig up and going. It is exciting to hear that guys are building the things that are published in QRPP.

I was so excited that I got out of bed an hour early this morning so that I could make a contact with the Epiphyte. It went something like this.

I jumped out of bed as excited as when I was a kid on Christmas day. The alarm clock said 6:00 AM, but I was wide awake (I usually don't hit the floor until 7). Went in to the shack, turned on the Epiphyte and tuned the band. Ahh, there was a qso at about 3775. They were both loud, and I waited until one of them signed. I quickly gave the other one a call, and then held my breath. There it was, "KI6DS are you calling me?" What a THRILL!!! DR. Rick is right, it is like making your first contact all over again when you do it on a SSB rig that you built yourself. I had a 20 minute qso, told the other ham all about the rig, and that it was QRP and Homebrew. He was in Lancaster, which is near LA and about 3 1/2 to 4 hours south of here. Probably 200 or so miles. I finally had to sign as it was time to go to work. Gosh, it was fun!!

If you here me call you on SSB, be sure to answer!!

72, Doug, KI6DS

From owner-qrp-l@netcom.com Fri Mar 24 15:45:40 1995
From: "RICHARD HIEBER" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Fri, 24 Mar 1995 15:41:37 MET
Subject: FAQ: Inappropriate posts. Some No-No's
Message-Id: <EDD8625223@daphne.rrze.uni-erlangen.de>

Gang,

this is an excerpt from the QRP-L mailing list FAQ that I am working on. I hope to have a first version ready for distribution next week. The main work now, after having collected all the relevant information, is cutting the size down and editing for readability. Most other section are still in a raw state; this one is rather polished, so I'd like to have your feedback: thoughts, corrections, additions, etc. on contents and language.

Greetings
Richard Hieber, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

~Subject: Inappropriate posts. Some No-No's

QRP-L is not moderated, so everybody (theoretically) can post anything he wants. So far QRP-L has been kept free from obnoxious postings and mass spamming along the lines of MAKE.MONEY.FAST and "Jesus is Coming". The mailing list also doesn't suffer from flames, offensive postings, abuse and personal attacks. We want to keep it that way! If in the future any such post should come your way, it is best to ignore it completely. Don't follow-up as it will only encourage them more. If you really *must* respond then please do so via email to the person(s) concerned and their system

administrators.

o Test messages:

There are appropriate newsgroups to send test messages to (e.g. alt.test). If you absolutely must send a test message to QRP-L (don't do it!) then please follow the old Internet practice to add an obligatory QRP related comment to it (ObQRP) to increase the signal to noise ratio. Otherwise you run the risk to cause an exchange like this:

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> > > This is a test to the new list, ignore it!  
> > Of course it works you dimwit!  
> > Why not post a meaningful message?  
> UP LID :-)
```

o Forsale messages

Generally they are accepted. But they really should carry only QRP related items. E.g. offering a big power amplifier will not draw many bids and will be considered a joke at best. Sometimes ads from Usenet newsgroups get forwarded to QRP-L when they fulfill the above requirement. That's ok, too (not everybody has access to Usenet) - but please be reasonable and keep it at a low proportion to the normal traffic on the list. Bidding after a private ad should be done by email, so that not everybody's mailbox is clogged with it.

o Advertizing

Custom in the Internet dictates that advertising be kept to a minimum. It is tolerated if it is infrequent, informative, and low-hype. If commercial establishments wish to advertise on-line, there are e-malls available.

o Repeated postings

Post your message only once, even if it doesn't show up on the list for one day or two. It's not unusual for messages to get delayed for so long. On the other hand, if you see a message appearing twice on the list, don't assume automatically that it's the fault of the poster. In this data highway called the Internet all kind of strange phenomenons happen :-)

o Messages of limited public interest

Some examples: "Does anybody know <call>?" "Has anybody already received the newest <favorite magazine>?" "Does anybody go to

<major ham festival>?" - While these are legitimate questions, they don't add to the content of the list and inevitably trigger off a number of likewise off-topic followups. If you must post something that is likely to interest only a very small number of subscribers, it would be a good idea to ask that replies be sent by private email.

- o Can you say 100 watts on the QRP net?

Don't be so squeamish! Nobody will despise you for sometimes using more than the QRP power limit of five watts (ten watts SSB). You should only use the power needed to maintain communication and we all know that sometimes QRP just ain't enough. So relax, there is no good reason why doing so should be a capital crime (virtual or otherwise). On the other hand, the advocacy of linears is frowned upon in this group and you do leave yourself open to scorn, ridicule, and bad breath if you do use them.

Any questions, see Chuck Adams who will gladly rearrange your diodes for you and charge you two-fifty for it. BTW, it's no big deal. Get a life.

- o Offensive remarks

Do not try to start flame wars by posting something like "Life is too short for QRP!" Such messages should go ignored.

From owner-qrp-l@netcom.com Fri Mar 24 11:27:12 1995
From: "RICHARD HIEBER" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Fri, 24 Mar 1995 15:39:33 MET
Subject: FAQ: Netiquette
Message-Id: <EDCFEE601A@daphne.rrze.uni-erlangen.de>

Gang,

this is an excerpt from the QRP-L mailing list FAQ that I am working on. I hope to have a first version ready for distribution next week. The main work now, after having collected all the relevant information, is cutting the size down and editing for readability. Most other sections are still in a raw state; this one is rather polished, so I'd like to have your feedback: thoughts, corrections, additions, etc. on contents and language.

Greetings

Richard Hieber, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

~Subject: Netiquette

Most people on the list pay for their Internet connection. Some may even pay a fee for each email they receive. With hundreds of subscribers, the traffic volume on the list is high. So every poster should care about how to make his submission more meaningful and more readable.

- o Keep it short

Keep posts limited to one or two pages unless seeking permission from, or at least forewarning, the gang. Try composing offline, then edit for brevity before posting. If you have a large file - let's say, in excess of ten kilobytes - then you might want to not post the complete file to QRP-L but only a short summary to announce its availability. Be prepared to respond to individual requests via email. Other options to make something available are putting it on a publicly accessible FTP site or posting it to a Usenet newsgroup (e.g. rec.radio.amateur.misc). Keep in mind though that some people's Internet access is limited to email only.

- o Quoting

On the more annoying side are postings with excessive quoting. For example, a posting that quotes 200 lines of the original message and has a one line comment (followed by a 10 line signature). This is not pleasant to read through and it is a waste of resources. Think before pushing the key that sends your posting off! Don't quote the whole message; quote just enough so we'd all know what the question was or paraphrase the key to your response. Please learn how to use your mailer software.

- o Signature lines

Signatures can tell the world something about you, but keep them short. The main purpose of a signature is to help people locate you, not to tell your life story. Some news posters attempt to enforce a 4 line limit on signature files - an amount that should be more than sufficient to provide a return address and attribution.

- o Line length

Most people read their email on a screen that can only display 80 columns. So lines with more than eighty characters get either wrapped around (which makes reading more difficult) or are simply cut off so that some words from your text are missing. Please take into account that somebody might like to follow-up and quote parts of your message - to try to keep your line length well below, say, 75 or even 70 characters.

- o Paragraph length

Paragraphs that continue for more than a screen's worth of text (24 lines in most cases) are discouraging. If you want your post to be read, insert a blank line every now and then at the appropriate places. That doesn't waste any bandwidth but makes for easier reading.

- o Reply directly to the sender rather than the list

Please check the To: field of your messages and reply only pertinent list replies to the list. Please do not forward (or Cc:) personal replies to the QRP list. Likewise, if you receive help in response to a public query, take your time and send a simple individual reply for thanks. After all - the respondents to this call for help responded one by one. If you feel you have to send your 'thank-you' note out to the list, please include a short summary of your results if it is interesting for all.

- o Subject indicators

Prepending a short keyword to your subject line is recommended. This permits people who are either strongly interested or strongly disinterested in particular topics to determine quickly whether they will find your post interesting.

The following keywords are suggested to describe a post's content:

FAQ: About the FAQ effort
FOX: The fox hunt: schedule, reports, success stories :-)
GQRP: Concerning members of the G-QRP Club

These are just suggestions; you are not obliged to use a subject indicator at all or you can invent your own and see if it catches on. Anything that makes the subject line more meaningful is welcome. Please remember to change the subject line accordingly if the content of a thread has changed.

- o ObQRP

According to the Jargon File (a comprehensive compendium of hacker slang), the prefix "Ob", derived from "obligatory", indicates "A piece of {netiquette} acknowledging that the author has been straying from the newsgroup's charter topic."

So if you have to post something of limited public interest, it would be a good idea to increase the pertinent content of your posting by adding an ObQRP comment at the end of your article. For an example, look at the end of this FAQ file.

From owner-qrp-l@netcom.com Sat Mar 25 00:25:57 1995
Date: Fri, 24 Mar 1995 19:40:16 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Gell Cell Charger...Newbie question
Message-Id: <Pine.SUN.3.91.950324192511.25973E-100000@ume>

Got delivery of the Tejas Gell Cell charger today (plus some other goodies)
Everything arrived intact, well written instructions, came with everything.
(After scrounging for parts on the epiphyte I wanted everything in one box for a change of pace!)

However, I have a newbie question that the manual does not address.
As supplied, it will charge gel cells up to 4.5 ah capacity. It states larger ones should be avoided (current issues). However, what about a smaller gel cell (I have a 2 ah 12 volt one)???? Will this battery be charged to fast? Why? Why not?

The circuit is based on "A different kind of charger" by Don Johnson, WB6MXD in 73 magazine. What issue was this?

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

From owner-qrp-l@netcom.com Fri Mar 24 09:21:36 1995
From: sato@apollo3.ntt.jp
Date: Fri, 24 Mar 1995 19:24:27 +0900
Message-Id: <199503241024.AA17868@apollo3.ntt.jp>
Subject: greeting and apology

I joined the list today.
I apologize that I sent everybody a junk mail..

I thought qrp-1@netcom.com was the address I can do automatic subscription and the kind. So, I sent a message just saying 'help' hoping I will get a message which explains how to get hooked to the list.

I live in downtown Tokyo and currently not on the air, but am thinking of starting again with a very low power.

-Takao Sato JH1ACQ/AF10

From owner-qrp-1@netcom.com Fri Mar 24 07:44:10 1995
From: David Johnson <djohnson@acpub.duke.edu>
Message-Id: <199503232321.SAA23337@bio7.acpub.duke.edu>
Subject: RE: Grounding of shacks above first ...
Date: Thu, 23 Mar 1995 18:21:51 -0500 (EST)

Hi gang! Just read some interesting comments on grounding of stations not on the first floor, and about effectiveness of various antennas in such elevated situations. Some good info and advice, but one small comment that long (or, more properly, random) wire antennas would probably not work well in that situation, and would likely lead to rf in the shack, caught my eye (or ire!) :-)

So I thought I would tell everyone about my best-ever antenna. I lived in an apartment in Gainesville, FL, for a few (maybe 3) years, which was on the 11th floor of a 12-floor building. This apartment had a balcony which faced east, and provided about 28 feet of space to play with dipoles and other neat antennas. I secured screw-eyes into the brick walls at each end of the balcony, so that I could easily hang up (and take down) wire antennas, which were then supported at about 5 or 6 feet above the floor, just above the (approx) 4-foot wall along the edge of the balcony (the wall that keeps you from falling 11 floors :-)

I made lotsa contacts on half-wave dipoles hung between the hooks, with the full-length 10m, 12m and 15m dipoles fitting nicely on the balcony. Of course, the 28-ft length I had to play in was a bit too small for the full-length 20m dipole, so I used a heavy-guage wire and wound it around a 2-inch PVC pipe to make the antenna elements, connected the coax, attached just a few inches of string to the ends, and stretched it out so that it just fit to the screw-eyes. (Actually I always put tiny metal hooks on the ends of the string so that it was very easy to hook and unhook). Mind you, the PVC was not used in the finished antenna, just as a

form to shape the wire elements. That 20m helical dipole was a good performer. Tried other helical dipoles, for 40 & 80m, on 10 foot PVC supports, with variable success.

Well, finally I got up the nerve to ask the management if it would be OK to put a wire out past the top floor (just above me) and onto the roof. They said ok! (only after reassurance that I would be unlikely to interfere with anyone's consumer appliances since I mainly ran very low power). The square-shaped roof had a TV tower right in the middle, and I was able to run about 135 ft of wire from my station (which was right inside the balcony sliding-glass doors) over to the roof, and slanting upwards to a point about halfway up that (approx) 40 ft tower. This was to be the BEST antenna I have ever used, from the standpoint of versatility and performance. (Of course, a tribander beam I used at a club station once wasn't too shabby either!). One great thing about this antenna was that it pulled in longwave beacons better than any other antenna I've used. Its performance on medium wave was good, and I used it for MW DXing, and although I could not get it to match well on 160m with my limited trials then, I was able to make lotsa contacts on EVERY band from 80 through 10m. Aside from beams, it outperformed all other wire antennas I'd ever tried on these HF ham bands.

What did I use for grounding? NOTHING! I tried hooking into the building's electrical ground, but it did not affect noise levels, so whenever I wasn't using my "longwire", I just stuck the end into a glass container. I did hook up a series of counterpoise wires to serve as RF ground for the station. I found these helped my signal just marginally in some cases, but mostly had no effect. Usually I kept them hooked up, though. They just lay at the base of the walls, wrapped around the room. Really, they were not at all in the way, or a bother.

So what's the lesson: it always pays to try new antennas; if it doesn't work, you learn something. But it may work like gangbusters, like my super "longwire".

After about a year, they resurfaced the roof and made me take down that wire. But I sure had fun making lotsa contacts with it, including plenty of DX. And 99.9% of those contacts were QRP !

72,

Dave

--

David W. Johnson

Power is no substitute for skill

Amateur Extra WA4NID QRP ARCI 6546
email: djohnson@acpub.duke.edu G-QRP 4864
packet WA4NID@KB4WGA.NC.USA.NA NorCal 355

From owner-qrp-1@netcom.com Fri Mar 24 14:39:14 1995
Message-Id: <9503241448.AA16992@us4rnc.pko.dec.com>
Date: Fri, 24 Mar 95 09:48:39 EST
From: "N100Q Tom R. @ MR01 24-Mar-1995 0946" <randolph@est.enet.dec.com>
Subject: re: Help find a source for transistor

(I tried sending this direct, but it bounced.)

> The part number is RCA 40673, 3N140, 3N211, 3SK40.

Here ya go, my list of all known sources for dual-gate MOSFETs... This is one of those parts that, like air-variable capacitors, is becoming hard to find new. If ya need addresses, let me know.

-Tom R. N100Q randolph@est.enet.dec.com

Dual-Gate MOSFETs

=====

These are still available for a price, even the old standby 40673. The bargain MOSFETs these days are:

Type	Price	Where
3SK39	\$1.33	MCM Electronics
3SK73	1.52	MCM Electronics
3SK74	1.95	RF Parts
3SK45	2.70	RF Parts
NTE221	2.85	Ckt Specialists
3SK72	2.93	RF Parts
3SK51	3.25	MCM Electronics

Also available:

Type	Price	Where	Type	Price	Where
3SK73	\$3.73	RF Parts	3N212	5.95	RF Parts
NTE222	3.90	Ckt Specialists	3N213	5.95	RF Parts
3SK40	3.93	RF Parts	40673	5.95	RF Parts
TA7274	3.99	MCM Electronics	TA7150	5.99	MCM Electronics
3SK40	3.99	MCM Electronics	3SK48	6.04	MCM Electronics
3N200	5.90	Ckt Specialists	3N201	9.50	MCM Electronics

From owner-qrp-l@netcom.com Fri Mar 24 09:06:30 1995
Date: Thu, 23 Mar 1995 17:17:22 -0500 (EST)
From: Chris Osgood <cosgood@localhost.netcom.com>
Subject: Help find a source for transistor.
Message-Id: <Pine.LNX.3.91.950323171126.2563B-100000@localhost>

I've been wanting to build a nice receiver but many of the projects that I have plans for require this one odd hard to find (apparently not always) dual-gate MOSFET.

Any help would be appreciated!

From owner-qrp-l@netcom.com Fri Mar 24 18:14:14 1995
Message-Id: <199503241545.KAA14213@jfwhome.funhouse.com>
Subject: Re: Help find a source for transistor.
Date: Fri, 24 Mar 1995 10:45:28 -0500
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

From owner-qrp-l@netcom.com Fri Mar 24 13:58:39 1995
From: PDouglas12@aol.com
Date: Fri, 24 Mar 1995 10:43:17 -0500
Message-Id: <950324104255_59790051@aol.com>
Subject: How to get Dayton Badges

For those who have not been paying attention or are new to the QRP-L maillist, I am going to print up simple, color convention badges for all us subscribers who will be at Dayton so we can find each other among the thousand

s of "regular" hams and hundreds (?) of QRPers who are not here yet. Someone just asked how much the badges will cost. Of course, they're free. (Boy, am I stupid. You mean I can CHARGE for this? :-))

By courtesy of G QRP the badges will be at their booth in Dayton for pickup.

I may carry unpicked ones back to the Days Inn for evenings. Badges will be alphabetical by FIRST name due to my poor database planning skills.

I count almost 80 badges now. I will post a full list on Friday or Saturday morning--check your entry on that list for accuracy. I am updating the list almost daily so I don't fall behind or lose anybody. Please don't ask to have a badge made for your friends. If they're on the internet list here, they can ask for themselves. If they're not, they really shouldn't want a badge which is for us "insiders" anyway.

72 Preston WJ2V

From owner-qrp-l@netcom.com Fri Mar 24 08:40:48 1995

Date: Thu, 23 Mar 1995 23:11:50 -0500

Message-Id: <199503240411.AA04766@yfn2.ysu.edu>

From: ah301@yfn.ysu.edu (Jerry Sy)

Subject: is it the rig, the antenna, time of day ???

here is a list of contacts I made and the rst they gave me, their location (I'm in pittsburgh, pa) and rig and antenna information (if available). I am using an OHR spirit to an inverted vee at least 35 ft above ground.

579	reno,nevada	kenwood ts930s-at	inverted vee
559	lockport,il	yaesu ft102	center fed zepp
599	quebec, can		
589	col. springs,co	yaesu ft1000d	dipole
469	austin,tx	kenwood ts430	inverted vee
579	shalimar,fl	viking 2	
559	walpole, ma	yaesu ft990	g5rv
589	clinton,mi	tentec triton	vertical whip
579	toms river,nj		
589	toms river,nj	yaesu ft840	dipole
459	hewitt,tx	kenwood ts450	vertical
549	anza,ca	icom ic751	zepp
559	s burlington,vt	kenwood ts950sdx	
449	toronto,can	norcal 40	longwire
599	swartz crk,mi	kenwood ts140s	loop
579	limerick, me		
579	lilian,al		

probably can't conclude anything from the small sample, but I do get some decent rst report. time of day can certainly have a factor

in it also. all these, except for the Massachusetts station I answered their CQ call.

I had to really pull the signal out of the mud for the station using norcal, and he probably did the same to me. this was the clue that made me think that QRO are better receivers than QRP rigs. but it looks pretty easy going for the other QRO rigs. but as somebody suggested, it is the audio filtering that makes the difference!

I have talked to a local QRPer who said he never relies on his qrp rig (hw-9) for receive and uses his yaesu to receive and hw-9 for transmit (his antenna is R7). is this a common practice for QRPers in this list with both QRP and QRO rigs ?

just wondering
73 de jerry
AA3KN

From owner-qrp-1@netcom.com Fri Mar 24 10:03:39 1995
Message-Id: <n1416148561.71916@msmailgw1.arlut.utexas.edu>
Date: 23 Mar 1995 15:51:34 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: Lightning, arrestors, and rig safety

Steve,
I have to comment: Never leave any rig connected up to an antenna if you are not using it! That begs for disaster. Consider that static can build up even from a moderate wind moving across the wire of the antenna. I have seen 90 volts arcing a neon lamp set up across the middle of a north south dipole from thunder storms 5 miles away.

I at least turn the antenna switch to an unused position in good weather, and if storms are expected, I disconnect each antenna coax, and try to ground them. My goal is to build a grounding patch panel to discharge antenna leads.

I include several coils of coax in the antenna leads leaving a grounded tower or before entering the house, as cable RF/lightning chokes. I know too many locally who used to have rigs until a hit!

You could check the loss in the Blitz bug, which I would bet is unmeasurable at HF unless it is corroded or something. If it was kept weather tight, it is just like a coax connector, with a screw turned in the side to come close to the coax center lead, and provide a spark gap. Put it at the end of some coax, and connect a dummy load and watt meter at QRO. Measure the power at the input to dummy with and without the Blitz before it. Probably only has slight capacitive losses that you will not see.

People used to use old spark plugs on parallel balanced lines. Good porcelain there! Anyway, you could test the performance before you spend good money. The gas types can deteriorate with age too, and the gas can leak. A few near misses of surges, and you may need new gas tubes. You should get the type for which replacement slugs are available. If you buy those, get JUST the replacement slug, and provide your own UHF T connector, rather than pay extra for the one the transient protector maker stocks!

By the way, I would bet the old spark plugs make good low loss end insulators for antennas with bolt on fitting for the antenna wire, and the halyard! IF they are not crazed or cracked. Anyone tried this? That figures that the neighbors would not find that strange, but they probably do anyway if it is obvious you are into radio!

73, Stuart K5KVH

From owner-qrp-l@netcom.com Fri Mar 24 17:51:00 1995
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: mounting speakers in cabinets
Message-Id: <1995Mar24.114054-0500@[130.113.234.7]>
Date: 24 Mar 1995 11:40:54 -0500

Preston Douglas poses an interesting problem...how to mount a loudspeaker to a sheet metal cabinet without having to cut, saw and mangle a large area.

One solution is to make an audio cavity between the loudspeaker and the cabinet. The hole you'll have to cut in the cabinet can be made very small, and still provide LOTS of audio volume. For us CW hackers, the cavity's resonant frequency would be tuned to about 800 Hz. I'm sure no one would object to the extra audio filtering you'll get. SSB workers may have to pass this idea up.

Preston wanted to use a 4" speaker. I had a 2" speaker from a trashed IBM PC to do some experiments. I drilled a 1/4" hole in a plate of sheet metal (to represent the cabinet). To make a cavity, I scrounged a cylinder 1 1/2" diameter, and 5/8 inch long. This cylinder is sandwiched between the speaker and cabinet, leaving no airgaps. All the air motion must be thru the 1/4" hole in the cabinet. This cavity tuned a little high in frequency, about 1 KHz. A larger cavity will bring down the frequency.

Don't think that a small 1/4" hole will cut down on audio volume...a cavity resonant system like this can be VERY efficient...providing more audio than a conventional mounting system.

If you are successful using this idea, let us all know...I'll bet some portable ops may benefit from increased audio efficiency, and less dust and dirt access to their rig's electronic innards.

Glen Leinweber VE3DNL leinwebe@mcmail.mcmaster.ca

From owner-qrp-1@netcom.com Fri Mar 24 13:42:59 1995
Date: Fri, 24 Mar 95 8:34:08 EST
From: Clark Fishman (FSAC) <cfishman@fsac3.pica.army.mil>
Subject: New Mixer
Message-Id: <9503240834.aa05706@FSAC3.PICA.ARMY.MIL>

I just got a data sheet from Analog Devices on the AD831 Low Distortion Mixer....this puppy is a modified Gilbert cell mixer with built in amplifiers on all ports...you gets +24 DBM 3rd order intercept with only -10 DBM local oscillator drive..... The amplifiers are direct coupled

and the IF port when hooked to its amp (you can get direct or buffered output from the IF port) is termination insensitive...look ma, no diplexer required.....looks like these guys could be used to make a new breed of Ricks R2 and T2 phasing transmitters and receivers without all those Toko coils....Bad news (sorta) These mixer draw about 100 ma from the power...I can live with that...now to get some samples.....

Let the solder flow

WA2UNN Clark Fishman cfishman@pica.army.mil

From owner-qrp-1@netcom.com Fri Mar 24 20:31:26 1995
Date: Fri, 24 Mar 1995 10:58:17 -0800
From: myers@bigboy73.West.Sun.COM (Dana Myers)
Message-Id: <199503241858.KAA00561@vr1000.West.Sun.COM>
Subject: Re: New Mixer

> From owner-qrp-1@netcom.com Fri Mar 24 10:28 PST 1995
> Date: Fri, 24 Mar 95 8:34:08 EST
> From: Clark Fishman (FSAC) <cfishman@fsac3.pica.army.mil>
> To: qrp-1@netcom.com
> Subject: New Mixer
>
> I just got a data sheet from Analog Devices on the AD831 Low Distortion
> Mixer....this puppy is a modified Gilbert cell mixer with built in
> amplifiers on all ports...you gets +24 DBM 3rd order intercept with only
> -10 DBM local oscillator drive.....

> Bad news (sorta) These mixer draw
> about 100 ma from the power...I can live with that...

.1A at what power supply voltage? It is true there's no free
lunch.... ;-)

What kind of gain/NF does AD specify?

Dana
Dana.Myers@West.Sun.Com

From owner-qrp-1@netcom.com Fri Mar 24 11:22:06 1995
Message-Id: <9503241418.AA18433@esds01.es.dupont.com>
Date: Fri, 24 Mar 95 09:18:18 EST
From: "Stephen M. Shearer, 695-7719" <shearer@eplram.dnet.dupont.com>
Subject: NorCal 40 & Idiom Press Keyer

>I finished off a NorCal 40 and a Idiom Press Keyer last
>saturday and I've got the urge to play around with another
rig!
>72, John, kc2du

John,
I am working on my NorCal40A and I finished the keyer board a
few months ago. Are you going to put the keyer into your
NC40? If so, where and what are you doing with the switches?

72, Steve -- WB3LGC

From owner-qrp-1@netcom.com Fri Mar 24 08:42:31 1995
From: BRUCE3900@delphi.com
Date: Thu, 23 Mar 1995 23:32:12 -0500 (EST)
Subject: Ocean State Electronics
Message-Id: <01HOHRKAY5BG98AS1J@delphi.com>

Several very nice folks have sent me Email about the Ocean State Posting
I made last week. One gentleman asked for an address and/or phone number,
so here it is for everyone:

Ocean State Electronics
PO Box 1458
6 Industrial Drive
Westerly, RI 02891
(401) 596-3080

BTW, I think it would be a nice gesture to mention to him where you heard
about his new catalog!

No, I don't work for him -- it's a long way from Maryland to Rhode Island.
73,
Bruce -- W6TOY/3

From owner-qrp-l@netcom.com Fri Mar 24 13:34:27 1995
From: RAINS@NKU.EDU
Date: Fri, 24 Mar 1995 12:18:13 -0400 (EDT)
Subject: PSE help w/ finding parts
Message-Id: <01HOIICAERRM9LVHAP@NKU.EDU>

Hello all, name here is Justin. I am in need of some help finding feed through capacitors. They are used in the ARRL 1993 handbook, but I can't find a source for them. They are used in a preamplifier, I think chapter 31. Also, where do I get enameled wire to use for winding the inductors? They say they the inductors have a tunable center, does anyone know a source for this? Thanks for reading this.

73 de AA9KM

Justin

rains@nku.edu

From owner-qrp-l@netcom.com Fri Mar 24 09:06:38 1995
From: "Greg Taylor" <GTAYLOR@TAEX003N.tamu.edu>
Date: Thu, 23 Mar 1995 18:45:16 CDT
Subject: Re: QRO better than QRP in rx ? (& signing /QRP)
Message-Id: <17346436FBA@taex003n.tamu.edu>

So from my sample, in 3 months operation
only one came back to answer my CQ (no /QRP)
I have about 95% success (maybe higher) answering somebody else's CQ.
About 95% of the time, the QRO will QRT when they know I am QRP.

Probably not that unusual, believe most people tuning the band will go right over weak signals but if calling CQ will listen a little more closely to calling frequency. Not sure if they're going QRT only because of the QRP, seems like most qso's don't get beyond exchange of report, name, qth and rig qrp or qro.

Haven't really read the messages on the /qrp thread as I seem to recall a similar thread sometime last year but as long as I'm shooting one out....personally I don't use /qrp for contests or domestic qso's, as pointed out most rx and ops are fully capable of picking up a one, two or even three hop qrp signal. However, it has proved useful in dx pileups where the op on the other end wants to give qrp stns a shot.

72, Greg, KD4HZ

From owner-qrp-l@netcom.com Fri Mar 24 13:26:04 1995
Date: Fri, 24 Mar 1995 06:16:02 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: Re: QRP from Pacific
Message-Id: <Pine.3.89.9503240623.A576838737-0100000@utkvx.utk.edu>

On Thu, 23 Mar 1995, Bruce Strong wrote:

> On Tue, 21 Mar 1995, Sehne wrote:

....my conclusion is that there are simply fewer Pacific rim stations out there, than US stations.

> My stateside call is AH2AK. I think that part of the reason you
> don't hear more Pacific Rim stations from this direction is that it
> is a bit further away and depends on more skips. Also, the route
> most favored is more northerly than most expect.

Also, when looking at the great circle estimated skip points, count how many are on land vs. how many on salty brine. Even though my Tennessee hilltop has an open face (no high woods) from north through west, Asian signals are very weak to non-existent, even during sunspot maxima. Hawaii, however, is SW (as is ZL/VK) and signals are very good. Even allowing for transequitorial effects, the mostly land skips of the Asian path have an effect on it. A string and a globe, along with basic Handbook data on "usual" skip length per band, can give one a sense of what dx to expect. Not enough of a sense to make absolute predictions, but enough to tell one when to really be surprised.

-73- LB, W4RNL

From owner-qrp-l@netcom.com Fri Mar 24 11:52:39 1995
From: ARDAI@DOC.dnet.teradyne.com
Date: Fri, 24 Mar 1995 09:25:15 -0500 (EST)
Subject: qrp-l police
Message-Id: <01H0IC3SYE0Y00JOAB@A1GATE.TERADYNE.COM>

Just to let everyone know - I (as list maintainer) am not one of the 'qrp-l police'. I don't moderate the list; my only comments about message content deal with really off-topic messages (which usually are sent by accident, intending to go to another list), 'please unsubscribe me' (which should go to listserv@netcom.com), and personal messages (which should go to the person and not to the entire list).

As for digests - I am still waiting for Netcom to upgrade Majordomo to a version that handles digests. Then again, I am still waiting for them to fix arrl-special-olympics and letter-list, so don't hold your breath.

/mike
nlist@netcom.com

Maintainer, BARC lists

From owner-qrp-l@netcom.com Fri Mar 24 09:01:37 1995
Subject: Re: qrp-l police...yes there are ::^)
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Date: Thu, 23 Mar 1995 11:26:07 -0500 (EST)
Message-Id: <95Mar23.112608est.14522-1+14@hooch.CC.Lehigh.EDU>

> A case in point: the several occasions of the QRP-L police trying to
> tell me how my blow-by-blow reports on the SSB QRP Fox Hunts were
> wasting space in their emailboxes. :^) And I loved the pointed criticism
> on how they were "off-topic"...from a person who does *not* have a radio
> and is *not* on-the-air. How did I handle it? Simple: I have continued
> to post a blow-by-blow report for *every* Fox Hunt I've been in. :^)
> Some people like them...and some don't. But the point is: somebody
> *does* get something out of them.

A digested form of QRP-L (daily?) would be nice. One with a table of contents at the top would be even nicer. I read every post (well, at least the first paragraph :-)) but I can see why some might be overwhelmed. I believe QRP-L is served by majordomo...it should be possible to setup a digested list, no?

/jim

From owner-qrp-l@netcom.com Fri Mar 24 08:10:37 1995
From: RobCap@aol.com
Date: Thu, 23 Mar 1995 14:30:50 -0500
Message-Id: <950323143049_58850454@aol.com>
Subject: RadioKit/Dan's

Does anybody have the telephone numbers for RadioKit and for Dan's Small Kits. If so, please E-mail me direct at:

RobCap@AOL.com

Thanks for the help.

73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Fri Mar 24 10:33:52 1995
Date: Fri, 24 Mar 95 08:47:09 EST
Message-Id: <9503241347.AA26121@clark.dgim.doc.ca>
From: jcumming@clark.dgim.doc.ca (Jim Cummings)
Subject: Re: Screwdriver Mobile ant ?

>I have heard of a homebrew type of mobile ant using a cordless
>screwdriver motor ? Anyone have any information on this.
>Thanks.. WA2MZF
>
>
>

I have a "commercial" version of this antennas called the HS-1 from High Sierra (I have noticed that there are others on the market now). It works with a cordless screw driver motor turning a threaded rod which moves a coile in and out a 2 inch diameter aluminum pipe. On top of the movable coil is a CB whip. Use the full 108 inches, and the SWR is insignificant on 80/40, with some on 20 and is too long for 10 metre operation, while a 66 inch whip will allow 10/15/20 metre operation yet the lower bands suffer.

To tune it, you sit in your seat and flip a double throw switch which activates the motor to move the coil up and down. I have a schematic that supposedly will allow for automatic tuning, but I just have not gotten around to it. None the less, if you are used to band-specific whips, like the Hustlers or others, this makes band changing and tweaking a lot easier.

The original antenna is the DMK3, developed by Don Johnson, W6AAQ (I think). Drop him a line and he will gladly send you a package on building this antenna (although the instructions are straight forward, it should not be undertaken by the faint of heart, i.e. I could never overcome the hurdle of winding the coil). World Radio magazine publishes Don's book "35 + 5 Years of Mobiling". As far as I know, it is the only book currently in print that discusses HF mobiling. Although it may seem trite to say that it is the best book on the market (because it is the only one of its kind), I recommend reading up on this subject for anyone interested in shortened verticals. For instance, perhaps using this sort of set up, I postulate that the operating bandwidth of an all band vertical on 80 and 40 metres, such as with the 18 AVT-WB by Hy-gain, could be expanded by installation of one these movable coils. (Maybe we can get a working goup going on something like this - although it would be a discussion better suited to another forum).

So Jim, if I have given you the wrong info for Don, let me know and I will dig it up and bring it in and send it to you for greater certainty.

=====

Jim Cummings
eMail:jcumming@clark.dgim.doc.ca
packet:VE3XJ@VE3JF.#EONT.ON.CA.NOAM
73 and live better digitally
DON'T GET TOO EXCITED...
because remember, today is the first
day of the rest of your life.

=====

From owner-qrp-1@netcom.com Fri Mar 24 15:28:27 1995
From: BCdlr@aol.com
Date: Fri, 24 Mar 1995 10:25:50 -0500
Message-Id: <950324102457_59777929@aol.com>
Subject: Re: Sierra and QRPP Freq. Cntr.

This may be a dumb response, but what about the "Digital Display for the Ephiphyte" in the March '95 QRPP. Looks pretty simple, I was going to try to build one just for the experience. Wouldn't this work in your applications? Even has a prescaler and offset logic.
Dan Reynolds, bcdlr@aol.com, KB9JL0

From owner-qrp-1@netcom.com Fri Mar 24 16:19:40 1995
Date: Thu, 23 Mar 1995 12:47:35 -0800 (PST)
From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>
Subject: Re: Sierra and QRPP Freq. Counter
Message-Id: <Pine.3.89.9503231230.A20753-01000000@freenet.vancouver.bc.ca>

Although I have not built Jim Pepper's counter/display I have for a number of years been using a very similar circuit. In fact, one of them now uses a 4-digit multiplexed given me by Doug. I am not aware of any "built-in decoder"! You CAN indeed multiplex 4 individual MAN displays. Just parallel all the segments and bring out 4 cathodes separately. However, four MAN displays will cost you more than \$3.00.

Incidentally, it is very simple to modify this circuit to give a resolution of 100Hz. You will, of course, lose the first digit but presumably you know which band you're in!

72 Derry VE7QK

On Wed, 22 Mar 1995 rehm@zso.dec.com wrote:

> In a couple of QRPP articles by Jim Peper w6QIF,
> a digital freq. counter was described for use with the
> NorCal 40 and Sierra. (QRPP June 94 and December 94,
> respectively).
>
> First, the designs use a 4 digit LED display available
> from Doug Hendricks, KI6DS, for \$3. Are these still
> available? Are they available commercially?
> It appears that one cannot just substitute four MAN-4
> displays, i.e., the 4 digit LED display has a built
> in decoder for each digit.
>

> Are there any other details that any one who has built
> this counter could share?
>
> /eric rehm
> KJ7AE
>

From owner-qrp-l@netcom.com Fri Mar 24 19:44:04 1995
Message-Id: <9503241924.AA09640@emsr1.emsr.att.com>
From: meh@cbsms1.cb.att.com (m.e.hartwell)
Date: 24 Mar 1995 14:20 EST
Subject: Taking time out

Hello all

I am going to be on vacation for a week, so don't want to fill up the ole mail box to much. I will probably have a lot of stuff in the ole box anyway. I'll resubscribe later. But if anyone wants to send direct the return address is included.

Marty kd8bj

From owner-qrp-l@netcom.com Fri Mar 24 12:42:08 1995
From: Bensondj@aol.com
Date: Fri, 24 Mar 1995 06:15:46 -0500
Message-Id: <950324061543_59652078@aol.com>
Subject: Toroid wire- thanks

Gang-

Thanks for your suggestions and offers on the wire for multifilar windings- I've replied individually to each person responding (I hope). I've received some great leads and will follow them for a future info posting to the List.

Thanks again, folks- 72/73- Dave, NN1G

From owner-qrp-l@netcom.com Fri Mar 24 08:22:19 1995
Message-Id: <9503220939.AA00114@kestrel.cqi.com>
Subject: Twinlead as feeder?
Date: Wed, 22 Mar 1995 09:38:53 -0500 (EST)
From: "johnger" <johnger@cqi.com>

I recently installed a 40 meter dipole (centered on 7.040 or so) fed with 450 ohm ladder line and tuned with an MFJ tuner. The antenna works GREAT (:)) but my XYL hates the look of the ladder line (:<). I reluctantly agreed to replace the

ladder line with something a little less, uh, aesthetically challenged. I would like to stay with a balanced feed system rather than coax because of its low loss with bad SWR (i.e., on bands other than 40 and 15 M), and am considering TV twin lead (the ARRL Antenna Handbook panned zip cord as being very lossy for feedline, although I do not know whether or not the authors were trying to use it as a balanced feed). However, I have a few specific questions:

- ** The texts say that TV twin lead tends to detune (compared with ladder line) when wet. Does this mean that the tuner must be set to a different setting when it rains (or gets dirty, etc.) or does it mean that the antenna will not tune-up at all when it rains?
- ** There is 75 ohm and 300 ohm TV twin lead. Which would work better? I would think that the 75 ohm may actually be a better match with the dipole, at least on 40 M. However, if my tuner handles balanced lines with a 4:1 balun (which I suspect is probably the case), would it be able to adjust a 75 ohm line to 50 ohms?
- ** Is it a big "no no" to splice two lengths of 50 foot balanced line to get a 100 foot balanced line? Would soldering the lines together, severely mess up the impedance, ability to tune up, loss of line, etc.?

Thanks in advance,

John Geracimos
AC4WC
Alexandria, VA

johnger@cqi.com

From owner-qrp-1@netcom.com Fri Mar 24 09:16:14 1995
Date: Thu, 23 Mar 95 19:22:28 CST
From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)
Message-Id: <9503240122.AA05447@collie.aud.alcatel.com>
Subject: Vacation Expedition

Well, here's the list of folks I worked while on vacation. You might remember I went to Fort Davis, Texas, and announced I'd be on from 8PM to 10PM central time this past Sunday night. I also was on Monday night at the same times. I mostly stayed around 7040, except for a brief foray Monday evening to 7145 using my newly acquired (!) HW8. Conditions were good, and I chew the rag a lot and I had a real good time operating QRP with a PRO 96 on a

55 foot tower located at an altitude of 5400 feet (wow).

Sunday:

WB5UMT - Jack in Mississippi. His 599, mine 579.

KD4LHA - Bob in Kentucky. His 589, mine 559.

Monday:

WA9YRL - Walt in Wisconsin. Never exchanged reports... too busy chatting.

AC6FV - Bill in California. His 599, mine 599.

The first three contacts were made with the SW40 (NE40-40) at .9 watts. The last was made with the HW8. The most interesting was with Walt (it lasted 35 minutes) and the most exciting was with Bob. Bob was running a homebrew Xtal controlled transmitter at 20 watts and it was really chirping B-)!!! The more we talked about homebrew, the faster he sent. It was great! Watch for an article in the next QRPp (I sent it to Doug).
Mike Dooley KE4PC

From owner-qrp-l@netcom.com Fri Mar 24 09:00:03 1995

From: ab4el@cybernetics.net (Stephen Modena)

Message-Id: <9503222322.AA18331@cybernetics.net>

Subject: W03B and his Super Loop!

Date: Wed, 22 Mar 1995 18:22:12 -0500 (EST)

I think I am located just right to be in a major lobe of W03B's Super Loop for 160 M...on 75 M. :^) Bob was making my Kenwood throb, running S9+20 most of the time with his 5 watts.

On this next-to-last SSB QRP Fox Hunt, 160 M was slow and spotty. W03B's signal would take tremendous peak excursions: clear indication that the ionosphere is not homogeneous...on the "lowest" usable frequency side. :^)

As when I fox'd on 160 M, KC1FB sounded great on his vertical antenna... and was inaudible on his horizontal antenna.

I heard these people working W03B on 75 M: KC1FB 57; NM1J 59; AA4JZ 55; AA2PF, 22->33; AF4K/3(CW--crossmode :^), 55; WD8AAU, 55; WN3C, 55 (who is local to W03B...gave up too quickly on 5 watts and boosted power to 20 watts to make QS0); N1QPR, 33->55.

Propagation on 160 M was weak....and excellent on 75 M...could hear a G3 calling CQ under W03B in the Advanced portion. :^)

Funny thing happened when the segment shifted up to 3.900-3.910: on 3.910 there was a "fist-fight" going on between two "full gallon" station arguing about encroachment. Nothing changes on 75, does it?

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